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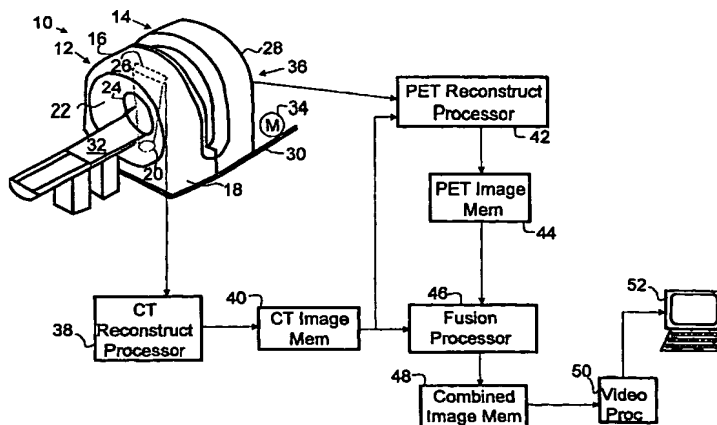
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(54) Title: TELESCOPING TABLE



(57) Abstract: A telescoping table system (32) is used for imaging a subject in at least a first modality (12) and a second modality (14). The first modality is disposed adjacent to the second modality to align a subject receiving bore (24) of the first modality with a subject receiving bore (36) of the second modality. The telescoping table system (32) includes a base (108), an intermediate pallet (78) and a subject pallet (82) on which a subject is loaded prior to imaging. The subject pallet (82) is mounted and supported to retain a constant cantilevering with respect to the intermediate pallet (78) at all longitude positions to prevent deflection changes while extending into any of the imaging modalities. The subject pallet (82) is moved through the first modality subject receiving bore (24) for imaging in the first modality. The subject pallet (82) is withdrawn from the first modality (12) and aligned with the intermediate support (78). The intermediate pallet (78) is extended through the first modality subject receiving bore (24) to the intermediate support (118) which is disposed between the first and second modalities. The subject pallet (82) is moved along the intermediate pallet (78) through the second modality subject receiving bore (36) for imaging, while the intermediate pallet is supported by the intermediate support (118).

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**Declarations under Rule 4.17:**

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